

Phone : Gerrard 1824.

Sale No. 13,404-13,405

Sale to commence at **12.30** o'clock each day.

THURSDAY and FRIDAY, JULY 13th and 14th, 1922.

A CATALOGUE OF

Scientific, Photographic and Electrical Apparatus,

Telescopes and a Variety of Accessories ;

Microscopes by Powell & Lealand, Crouch, Ross, etc. ;
Three Cinematograph Projectors ; Biunial and other
Lanterns ; Induction Coils, Transformers, Wireless
Accessories ; Costly Hand and Stand Cameras with
Lenses by the leading Makers ; Prismatic Binoculars ;

FISHING TACKLE ;

Gramophones and Records ; Jewellery ; Prints, Paintings,
Books, and

FURNITURE.

WHICH WILL BE SOLD BY AUCTION, BY

MR. J. C. STEVENS

(STEVENS'S AUCTION ROOMS LTD.)

*At their Great Rooms,
38 King Street, Covent Garden, and 15/16 Floral Street,
London, W.C. 2,*

On Thursday and Friday, July 13th and 14th, 1922,

*At **12.30** o'clock each day.*

On view the day prior, from 12.30 till 5.30 o'clock, and Mornings of Sale
from 9.30 till 12, and Catalogues had at the Rooms, 38 King Street, Covent
Garden, W.C. 2.

Telegraphic Address : AUKS, RAND, LONDON.

Established 1760.

RIDDLE, SMITH & DUFFUS, Printers, Windsor House, Kingsway W.C. 2 ; and Forest Hill, S.E. 23

CONDITIONS OF SALE.

FIRST.—The highest bidder to be the buyer, and if any dispute arise between two or more bidders the lot so disputed shall be immediately put up again and re-sold. The auctioneer reserves to himself the right to refuse any bid, also to make any alteration in the catalogue.

SECOND.—No person to advance less than one shilling; above £2 two shillings and sixpence, and so on in proportion.

THIRD.—The purchasers are to give in their names and places of abode, and, if required, to pay down a deposit of five shillings in the pound in part payment of the purchase-money, in default of which the lot or lots so purchased to be put up again and re-sold at any convenient opportunity during the sale or otherwise.

FOURTH.—The lots are to be taken away and paid for, with all faults and errors of description, at the buyer's expense and risk, on the day immediately following sale. The auctioneer not being responsible for the correct description, genuineness or authenticity of, or any fault or defect in any lot, and making no warranty whatever.

Lastly.—Upon failure of complying with the above conditions, the money deposited in part payment shall be forfeited to the vendors, the lots remaining uncleared shall be re-sold by public or private sale, and the deficiency (if any) attending such re-sale, together with all incidental expenses and charges, shall be made good by the defaulters at this sale.

** * Pictures offered for sale are attributed to the artists named, but no guarantee as to their genuineness is given or implied.*

NO LOTS WILL BE TRANSFERRED.

The Clerk of the Sale has authority to refuse Cheques.

A CHARGE FOR WAREHOUSING WILL BE MADE ON LOTS NOT CLEARED PROMPTLY.

Telephone :—
GERRARD, 1824.

Telegrams :—
AUKS, RAND.

BUYER

AUCTIONEERS

Date

13th July

W. How
Stevens

Lot	Amount			Lot	Amount		
	£	s.	d.		£	s.	d.
41	1	12	6				
225	1	0	0				
331A		18	0				
338A	1	10	.				
339A	1	8	.				
347	2	.	.				
352		18	.				
353	3	10	.				
354	2	5	.				
355	1	10	.				
362	1	10	.				
363	1	5	.				
365	1	1	.				
366	1	.	.				
367	1	.	.				
368		18	.				
375	2	.	.				
376	1	15	.				
377	1	10	.				
378	1	10	.				
379		12	.				
380	1	5	.				
£ 31 17 6							

A CATALOGUE

FIRST DAY'S SALE

Thursday, July 13th, 1922.

AT 12.30 O'CLOCK.

ON VIEW:

Wednesday, 12.30 to 5.30 p.m.

Thursday, 9.30 a.m. to 12 noon.

MISCELLANIES.

LOT

- 1 Letter scales and weights, paper rack, Japanese pen tray, door knocker, and Japanese calculating box
- 2 Sueter lens, and Kodak ditto
- 3 Box chessmen, Indian ash tray, 2 Egyptian bowls, matchbox and ash tray, old English box with figures, Egyptian pen and ink holder, and pair snow-shoes
- 4 Bronze figure and rickshaw
- 5 Two biscuit figures, and 5 engravings
- 6 Leather writing-case, wood desk, 2 work-boxes, and a walnut dressing-case, with fittings
- 7 A pair of old duelling pistols in case
- 8 A small mahogany cabinet of 11 drawers (A.F.)
- 9 A calculating machine, clock and a $\frac{1}{4}$ -plate magazine hand camera
- 10 A dessert service of 2 stands, 2 dishes, and 6 plates, and a tankard and jug
- 11 A mandolin in case

- 12 An inlaid writing-desk
- 13 Four metal dish covers
- 14 Two old prints after Hogarth, a picture of Chantry woodcocks, and a book on ditto
- 15 Box containing chandelier, glass and sundries, and a brass cornice for bay window complete with rings, 2 bundles brass stair rods, and sundries
- 16 A case of 70 microscopic objects, silver-mounted cigarette case, cigar case, 2 old drinking horns, clipping machine, and case of coloured powder in glass tubes
- 17 Japanese bowl, sponge bowl and cover, pair of chest feet with lion heads, pair of puzzle teapots, and 3 other pieces
- 18 Worcester cup, a sauce-boat, salt glaze jug, vase and teapot, and a pair of decorated vases
- 19 Five small figures of dogs, etc., ash tray, 4 small teapots, match-holder, white vase, 4 pieces lustre ware, and a Turner jug
- 20 Two porringers, Rockingham jug, pair of Worcester handleless cups and saucers, blue sauce-boat, stand and cover, and *famille rose* and Wedgwood plates
- 21 Water container for pipe, Delft money box, Toby jug, double flask, 2 Turner mugs, foxhead cup, Derby oyster dish, salt glaze teapot, and mug with frog
- 22 Twenty-four pieces of china and pottery, various, 12 plates and saucers, and 2 cups
- 23 Twenty-four pieces of china—cups and saucers, jugs, plates, mugs, etc.
- 24 Twelve animals and birds, 6 jugs, 3 pots, and 3 pieces of Worcester china
- 25 Pair 14-in. Japanese vases (A.F.), 9-in. bowl, 6-in. spill on feet, walnut bookslide, letter scales, inkstand, and bell
- 26 A Sheraton tea caddy, an Ascot race game, a box of counters, and a galvanic battery
- 27 Axminster carpet, pink, floral design, 11ft. by 7ft. 6in.
- 28 Large Dresden 2-handled jardinière (flowers in relief)

- 29 Pewter teapot, and large old brown bowl on 3 glazed feet
- 30 Six cut-glass port glasses, six ditto champagne glasses, 6 plain ditto, ditto
- 31 Two old Chinese plaques
- 32 Four vols. Pictures of Life and Character, by John Leech, from the collection of Mr. Punch, 2nd, 3rd, 4th and 5th Series, published 1857, 1860, 1865 and 1869
- 33 Set of 3 old glaze jugs, floral design
- 34 Four semi-circular pieces of old carved wood, 3ft. by 1ft., 5 pieces 3ft. by 6in.
- 35 A carved figure, 3ft. by 1ft. 6in., 4 columns, 2ft. by 6in., 4 panels, 2ft. by 1ft.
- 36 Brass and pewter—2 brass pots and 4 other pieces, a pewter dish, teapot and 8 pepper pots. 2 small jugs, and six sundry articles
- 37 A copper kettle
- 38 Seven bundles of books
- 39 An electric radiator, in good condition
- 40 A ditto, ditto
- 41 Two crystal-gazing balls, hypnotic mirror, 10 hypnotic discs, scales and weights in mahogany box, and Masonic apron
- 42 Copper coffee whistling pot with spirit lamp and stand, 2 copper jardinières, and 2 photo frames
- 43 Two old English mahogany frame chairs
- 44 A No. 4 bull's-eye Kodak, and box of photographic sundries
- 45 A plated oval tray, a Sheffield snuffer tray and snuffers, a wine funnel, sugar basin, with glass liner and sifter, a matchbox, and a pair of opera glasses in case
- 46 Four bandoliers, 2 German helmets, and sundries in trunk
- 47 Violin and bow in case, and a guitar
- 48 Two rhino hide sticks, 3 whisks, 3 kerries, 3 swords, a bayonet, and a Jap. sword
- 49 Zulu shield, 2 African sticks, Indian horn ditto, and various weapons
- 50 Photographic tripod, and 3 dark slides

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- 51 Eight silver and other badges, etc., 6 ivory rings, 9 bronze and other metal items, military belt, pencil sharpener, and a strop, etc.
- 52 Sundry china in box, and bundle of books

GRAMOPHONE RECORDS, &c.

- 53 Edison's standard brass horn phonograph, 12 records, no reproducer
 - 54 Eighteen records, 10in.
 - 55 Ditto
 - 56 24 ditto
 - 57 Twenty double-sided 10-in. records, and two 12-in. ditto
 - 58 Twelve 12-in. H.M.V. gramophone records, mostly by Caruso, in album
 - 59 Twelve ditto, by Tetrizzini, etc.
 - 60 Twelve 12-in. records, in album
 - 61 Twelve 10-in. ditto
 - 62 Three 12-in. and nine 10-in., in album
 - 63 Eleven various records in album
 - 64 A concert clarinet
 - 65 Eleven gramophone records
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- 66 An old Indian brass figure
 - 67 A lace fan, and a tortoise-shell fan
 - 68 Gentleman's bicycle
 - 69 Esmond cycle saddle, and a tea basket fitted with spirit lamp and kettle
 - 70 Gentleman's cycle, "The Royal," 1922, high grade up-to-date model, fitted 28-in. wheels, Dunlop, raised handlebars, double roller lever brakes, spring saddle, Brampton chain, B.S.A. free-wheel, rat-trap pedals
 - 71 Cycle, juvenile, "The Royal Scout," absolutely new, 1922 model
 - 72 Portable gramophone, late model, and 12 double-sided records
 - 73 New motor cycle plated gas lamp
 - 74 Australian pears, case containing 24 large tins S.P.C. brand, choice quality
 - 75 A ditto lot
 - 76 A ditto lot
 - 77 A ditto lot

- 78 Bath soap—18 dozen Parisian Ideal Bath Soap,
4-oz. tablets, 4 colours, scented, in boxes of
1 dozen
- 79 500 hand-made Virginia cigarettes, in cartons of
20's
- 80 500 ditto
- 81 500 ditto

JEWELLERY, COINS, &c.

- 82 Series of silver and copper coins in walnut box
- 83 Silver coins :—Prussian thaler, 5 ; Bavarian
gulden, 3 ; Swiss 5-francs, 1 ; Italian 5-lire,
and 10 other large German, Polish and other
coins ; in all, 21
- 84 Pair gold and cornelian earrings, 3 rings, 2
cameos, and tie pin, etc.
- 85 Pair of brushes and comb
- 86 Eight-day striking clock, and family scales
- 87 Imitation pearl necklace, silver coin bracelet,
row of beads, and sword pin
- 88 A morocco jewel case
- 89 An entrée dish, a dozen meat knives, and $\frac{1}{2}$ dozen
cheese knives
- 90 Two pairs skates, and a pair roller skates in case
- 91 A coffee making cup, a Cona coffee machine, and
2 patent coffee pots
- 92 Portrait of lady, in gilt frame
- 93 Number of jewellery cases
- 94 Twelve plated knives, and 12 ditto forks
- 95 Plated tea-set and tray
- 96 Plated cheese dish
- 97 Dressing-case and fittings
- 98 Plated fish server and fork
- 99 Seven wristlet watches (A.F.)
- 100 Six silver wristlet watches (A.F.)
- 101 An 18-carat lady's keyless gold watch, in
going order
- 102 Silver wristlet watch, with silver bracelet
- 103 A single stone diamond ring, 18-carat
- 104 A diamond half-hoop ring
- 105 A single stone diamond pin
- 106 Seven antique intaglio and other rings
- 107 Two antique paste and one pearl cluster ring

- 108 Four gold hair rings
- 109 Four antique gold brooches
- 110 Three ditto, ditto
- 111 Three coral bracelets, gold-mounted
- 112 A coral bracelet, 2 brooches, and a pair coral earrings

FISHING TACKLE, &c.

- 113 A 17-ft. rod with extra top
- 114 Two telescopic gaff hooks, and a landing net
- 115 A fly fishing rod, and a large reel by A. & N.S.
- 116 A rod by Enwright, Castleconnell, with extra top
- 117 Gaff hook, 2 handles for nets, various parts of rods, and a rod box
- 118 Eight golf clubs in bag
- 119 Two japanned cases with a number of minnows and prawn tackle, spinning tackle, several pounds of sea leads and a Salter's 40-lbs. fish scale, and 2 books, The Badminton Library, "Shooting"
- 121 A fine split-cane trout rod by A. & N. Stores, with an aluminium check reel and line
- 122 A salmon rod with extra top
- 123 A fine split-cane salmon fishing rod, by A. & N. Stores, and a check reel
- 124 Two sea fishing rods, and 2 extra tops in canvas bag
- 125 A 4-joint trout rod
- 126 A landing net, 2 bamboo poles, steel bar, and 3 tripods
- 127 A 6-in. mahogany reel and line
- 128 A 5-in. mahogany check reel and line
- 129 A 4½-in. metal check reel, by Malloch, with line, and a 3-in. ditto, by Farlow
- 130 A 3½-in. metal check reel, by A. & N. S., with line, and a 2½-in. brass reel and line
- 131 A 4-in. check reel, a hand winder, and a portable canvas tackle case
- 132 A tin box with two trays containing hooks, salmon flies and sundries
- 133 A japanned box containing hooks, balance, weights, swivels, and sundries

- 134 A 12-ft. 3-jointed trout rod, cork grip, with extra top joint in bamboo landing rod
 - 135 A 11-ft. 6-in. ditto with extra top joint in landing rod
 - 136 A boxwood line drier with extra winder, and a 6-ft. rod and tackle case
 - 137 A 10-ft. 3-jointed greenheart trout rod with extra top joint cork grip, by Hardy Bros.
 - 138 Telescopic gaff with wooden handle, by Hardy Bros.
 - 139 Four metal boxes containing 400 salmon and trout lures and flies (new)
 - 140 A split cane, double built steel centered, 18-ft., by Hardy; greenheart butt joint, universal winch fittings, lockfast joints, 2 fly tops, and trolling top, in case
 - 141 A greenheart fly rod, by Eaton & Deller, 2 tops, a ditto by Warner, Redditch, and a split cane fly rod, 2 tops
 - 142 A 14-ft. cane bottom rod, 2 tops, another cane rod, ditto
 - 143 Eight golf clubs in bag
 - 144 Two fishing rods.
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- 145 An album of picture post-cards of foreign and Colonial views
 - 146 Sleeping tent, double lined and damp proof
 - 147 A 12-in. cowhide attaché case
 - 148 A 16-in. ditto

TELESCOPES AND ACCESSORIES.

- 151 Telescope, by Hilger, with tripod head in case
- 152 A reflecting telescope, by Jas. Short, in case, with 2 eyepieces and table tripod stand
- 153 Brass astronomical telescope, by Steward, 3-in. O.G., and 2 eyepieces, in case
- 154 Another, with 3-in. O.G., eyepiece and table tripod, in case
- 155 Massive brass equatorial mount, on adjustable iron stand
- 156 A universal equatorial mount, with vernier circle
- 157 An oak garden tripod for telescope

- 158 Mahogany garden tripod, massive metal tripod,
and 3 Hook's joints
- 159 Two metal telescopic tripods, and 2 ditto with
holders for small telescopes
- 160 Four brass table tripod stands for telescopes
- 161 Four ditto
- 162 Three brass and 1 plated ditto
- 163 Nine tripod heads for telescopes
- 164 Two table tripods in mahogany boxes
- 165 Seventeen tripod parts, holders, etc., for tele-
scopes
- 166 Four Star finders for telescopes
- 167 Six terrestrial eyepieces
- 168 Eight larger ditto
- 169 Three-draw telescope by Ross, in leather sling
case, pair of binocular telescopes (A.F.), and
quantity of sundries
- 170 Five diagonals
- 171 Seven telescope eyepieces, various
- 172 Eight ditto
- 173 Eight ditto, with sun caps
- 174 Nine ditto, ditto
- 175 Eyepieces, various, etc., 17 pieces in box
- 176 Pair of 8x Goerz-Trieder prismatic binoculars,
in case
- 177 Three pairs of field glasses in cases

FURNITURE, &c.

- 178 Mahogany hall table, with drawer under
- 179 A hanging mirror, Queen Anne design
- 180 Pair French candlesticks, and two old pieces
Worcèster and sundries
- 181 A 14-day French clock, by Hausberg, Paris, in
case
- 182 Gilt clock, in glass shade
- 183 Well-carved Moorish stand, and a Sutherland
table
- 184 Mirror in gilt frame
- 185 Satinwood display cabinet, good quality
- 186 A 4-ft. mahogany dressing table, fitted with
7 small drawers and swing mirror
- 187 A 4-ft. shaped marble top and back washstand
- 188 A glass fire-screen on brass and iron stand

- 189 A well-made mahogany cabinet of 8 drawers, 42 by 26in., suitable for prints
- 190 Twenty-four oxidized oval stair rods and eyes, *en suite*
- 191 A gas boiler with brass tap and lid
- 192 A 3-ft. carved oak bureau, fitted 4 long drawers and pigeon holes
- 193 A 4-drawer oak filing cabinet
- 194 A 2-drawer ditto
- 195 A 2-drawer ditto
- 196 A smaller 2-drawer ditto, and 2 oak stationery racks
- 197 A Roneo rotary duplicating machine on stand
- 198 Smith Premier typewriter, No. 10
- 199 A ditto, No. 4
- 200 A copying machine
- 201 Nine dozen bottles copying ink for duplicators, at per dozen
- 202 Twenty dozen typewriter ribbons, "Monarch," at per dozen
- 203 A cloth-lined brown centre fur hearthrug
- 204 A 3-ft. oak bureau, 3 drawers
- 205 A 3-ft. oak bureau
- 206 Boghazli Persian pattern bordered rug, 6ft. 9in. by 4ft. 3in.
- 207 Ditto
- 208 A Persian pattern bordered rug, 6ft. 9in. by 4ft. 3in.
- 209 A hip bath, 6 soda syphons, 6 china beer engine handles, set copper weights and hand scales, 3 water filters (pottery), and 3 augers
- 210 A roll of linoleum, 9ft. by 7ft., a framed engraving, and a tin chest
- 211 A 4-ft. 6-in. iron bedstead (black)
- 212 A 3ft. 6-in. black and white combination, wire spring, iron
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- 213 Portfolio of engravings and coloured prints
- 214 A trunk of stuffed birds' wings, various
- 215 A wool overcoat
- 216 Brass kettle
- 217 Gold keyless demi-hunter, fine movement, lever
- 218 Figures on horseback
- 219 Small mahogany bracket clock, 8-day

- 220 Three coloured prints, quantity small ditto, 8 hand-painted ivory and other fans, plated milk jug, pair clogs, and prismatic compass
- 221 A $\frac{1}{8}$ -h.p. 20-volt motor
- 222 Pair ormolu 4-lights (A.F.)
- 223 A collection of 167 coloured prints of old masters
- 224 A 20-in. cowhide week-end case
- 225 A large travelling trunk

PHOTOGRAPHIC APPARATUS, &c.

- 226 A $\frac{1}{4}$ -plate Beck lens with iris, and a 12 by 10 Dallmeyer lens
- 227 A No. 3D portrait lens, by Dallmeyer
- 228 A $\frac{1}{2}$ -plate mahogany camera, with Beck symmetrical lens in T.P. shutter, and a D.D. slide
- 229 A mahogany stereoscopic camera, with pair of Wray lenses
- 230 A 12 by 10 Watson camera, 2 D.D. slides, and folding tripod, and a 12 by 10 light camera, 3 D.D. slides, in canvas case
- 231 A $\frac{1}{2}$ -plate camera, 2 D.D. slides, a Billcliffe panel midget, 4 on $6\frac{1}{2}$ by $2\frac{3}{8}$, a repeating back, and a stereoscopic camera and lenses, and 1 S.D. slide
- 232 A Darlot Cab quick-acting portrait lens, no stops, a French ditto lens (stops), a ditto, ditto (no stops), and a C.D.V. single lens (no stops)
- 233 A 12 by 10 electric printer, with plex, etc., ready for use, and a Renaud's Cab printer, ready for use, and various carriers
- 234 Thirteen whole-plate and larger solid oak printing frames, and four Kodak panoramic printing frames
- 235 Four lenses and 3 lens parts
- 236 A large camera, complete with lens, and 3 double dark slides, equivalent to 12 by 10
- 237 Houghton's $\frac{1}{4}$ -plate adapter, and 23 sheaths
- 238 Salver, silver-plated mount, and an electric light table standard
- 239 Twelve packets of 5 by 4 plates
- 240 Six dozen microscopic slides
- 241 A burnisher

- 242 A $\frac{1}{4}$ -plate Ernemann folding camera, T.B.I. shutter, Doppel objective, Series A, F/8 lens, .3 slides, metal hooded focusing screen, brilliant view-finder
- 243 Vest pocket size to $\frac{1}{2}$ -plate daylight enlarger, by Houghton-Butcher, for plates or films, in good order
- 244 A 13 by 18cm. folding camera, with Goerz-Syntor lens, speeded shutter with antinous release, 6 metal dark shades, Ortho screen, etc., in leather sling case; also collapsible metal tripod with ball joint top
- 245 A Zeiss-Tessar lens, F/6.3, with compound shutter, for $\frac{1}{4}$ -plate
- 246 Grubb B1 F/4 portrait lens, $8\frac{1}{2}$ -in. focus, with flange and stops, good condition
- 247 Moor's post-card strip printer, 6 on, Russian iron body, and mahogany board
- 248 Studio lamp and stand (electric), and post-card printer (strip)
- 249 Box of cog wheels, ratchet wheels, etc.
- 250 Four large and 2 small cases of stops, and 18 other sets without cases
- 251 Eleven lens flanges, assorted
- 252 Chemical glass and photographic sundries
- 253 Box of clockmaker's parts
- 254 A $\frac{1}{4}$ -plate Thornton-Pickard camera, with focal plane shutter (no lens), and 6 double dark slides, in leather case
- 255 A Ross 12 by 10 rapid symmetrical lens, with iris
- 256 A Dallmeyer Adon telephoto lens, in leather case
- 257 A Zeiss anastigmat lens, with iris, F/317mm.
- 258 A $20\frac{1}{2}$ -in. lens (no stops), and an Aldis lens, with iris
- 259 Two large studio lenses, a 7 by 5 lens, a prism, lens mount with iris, Sanger Shepherd colour fitters, and sundries
- 260 A large mahogany studio camera
- 261 A ditto
- 262 A long slide for studio camera on stand, an iron stand with roller press, 2 New Century arc lamps, and sundries

- 263 A folding camera stand, 2 squares heavy plate glass, various dishes, printing frames, plates, and photo sundries
- 271 A $3\frac{1}{2}$ by $2\frac{1}{2}$ No. 12 Premo folding camera, R.R. lens, Kodak shutter, and F.P.A. leather case
- 272 A 3A auto Kodak Junior, for films, post-card size
- 273 A 3A folding auto Brownie, for R.F. post-card size, achro. lens, latest
- 274 No. 1 Ensignette camera and case
- 275 V.P. Ernemann roll-film camera, Ernemann Det., F/6.8 lens, speeded shutter
- 276 A $3\frac{1}{2}$ by $2\frac{1}{2}$ R.F. Ica camera, F/6.8 Novar anast. lens, and compound shutter
- 277 A $\frac{1}{4}$ -plate roll-film camera, R.R. lens, F/8, speeded shutter
- 278 A V.P. Contessa Nettix camera, achro. lens, speeded shutter, hooded screen, 3 single slides in wallet, and F.P. adapter
- 279 A $3\frac{1}{2}$ by $2\frac{1}{2}$ folding Klito Junior, with Plutar E.R. aplanat lens, F/8, Ensign speeded shutter, hooded screen, and 2 single slides
- 280 A $\frac{1}{4}$ -plate folding Klito camera, stirrup rising front, rect. sym. lens, F/8, T.B.I. shutter, hooded screen, and 2 single slides
- 281 A $\frac{1}{4}$ -plate folding Cameo camera, achro. lens, T.B.I. shutter, brilliant and direct finders, hooded screen, and 2 slides
- 282 A $\frac{1}{4}$ -plate folding plate camera, rising front, achro. lens, T. & I. shutter, focusing screen
- 283 A 9/12cm. folding Fotax plate camera, rack focusing, rising front, periscope aplanat lens in vario-speeded shutter, hooded screen, and 2 single slides, F.P.A.
- 284 A 12 by 10 Field camera, solid mahogany, sym. lens, F/8, R.B. shutter, and 3 D.D. slides
- 285 Zeiss D water dimension objective in case, 4.2mm. focus
- 286 Fine student's microscope, by Baker, horse-shoe stand, draw tube screw, fine adjustment, $\frac{1}{2}$ -in. and $\frac{1}{6}$ -in. objectives, eyepieces, mahogany case

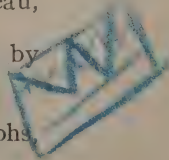
- 287 A Goerz V.P. Tenax camera, Goerz-Dagor anast. F/6.8 lens, fully speeded shutter, F.P.A., velvet-lined case
- 288 A Griffin's folding daylight enlarger, $\frac{1}{4}$ -plate to 10 by 8
- 289 Pilischer microscope in solid brass ; hand grip pattern inclinable stand, coarse and fine adjustment, mechanical stage, rackwork, substage carrier, Plano concave mirror, 2 eyepieces, $\frac{1}{4}$ and $\frac{1}{6}$ -in. Pilischer objectives, live box and polariser, and wood carrying case
- 290 A $\frac{1}{2}$ -plate Junior Sanderson H. or S. camera, triple ext. all movements, Beck sym. lens, F/8, Unicum speeded shutter, reversing back, hooded screen, 3 D.D. slides, and leather case
- 291 A $\frac{1}{4}$ -plate T.P. Ruby reflex, with Aldis anast. F/6.3 lens, 6 single slides, and velvet-lined leather case
- 292 V.P. to $\frac{1}{2}$ -plate Clincher daylight enlarger
- 293 Wray-Lustrar F/5.9 6-in. anast. lens, in sunk mount
- 294 T. P. Cooke anast. lens, F/4.5, $5\frac{3}{4}$ -in. focus, in sunk mount, iris, and flange
- 295 A $\frac{1}{4}$ -plate folding Cameo camera, stirrup rising and cross front, achro. lens in Lukos I shutter, hooded screen, and 3 single slides
- 296 Stereo-reflex camera, rack focusing, Ross hono-centric lenses, F/6.3, 5-in. focus, F.P. shutter, 6 D.D. slides, and focusing screen
- 297 Fine set of drawing instruments, 11 pieces, in velvet-lined case leather
- 298 A 15 by 12 sq. bellows studio camera, Darlot lens, revolving stops, sliding panel, a 15 by 12 studio slide, a whole-plate attachment, whole-plate studio slide, half-plate, and P.C. carriers
- 299 Fine set of 66 lantern slides of Egypt, and carrying case
- 300 Ediswan Pointolite resistance for 100-volt, 110-volt, 220-volt, 222-volt, and 240-volt switch, flex, plugs, bulbs, holder, also tray (as new)
- 301 Oxy-hydro blow-through jet, with tray

- 302 A 9/12cm. T.P. tropical reflex, in brass-bound
teak, Cooke Series III anast. lens, F/6.3, T.P.
Unit F.P. shutter, 6 D.D. slides, and canvas
case
- 303 Goerz Dogmar anast. lens, F/6.3, 135mm. focus,
in sunk mount, focusing, iris diaphragm, and
flange
- 304 No. 3 Eastman folding plate camera, rack
focusing, Steinheil Munchen F/4.5 anast. lens,
Compur fully-speeded shutter, D.D. finder,
F.P.A., and 3 D.D. slides
- 305 Small electric motor
- 306 Small compact improved microscope, coarse
adjustment, an eyepiece, an objective, and a
reflector
- 307 A 9/12c.m. Voigtlander camera, D.E. rising and
cross front, Voigtlander Heliar lens, F/4.5,
fully speeded compound shutter, F.P.A.
focusing screen, 6 metal slides, and leather case
- 308 Heavy brass microscope, by Baker, coarse and
fine adjustment, double nosepiece, swing-out
substage, eyepiece, $\frac{1}{8}$ -in. Beck objective
- 309 Pair Ross 6x prismatic binoculars, eyecup focus
ing, and leather case
- 310 Fine 3-draw telescope, 2-in. object glass, and
leather case
- 311 A $\frac{1}{4}$ -plate folding plate camera, rack focusing,
rising front, Busch rapid rectilinear lens, F/8,
auto speeded shutter, focusing screen, 6 single
slides, and 2 leather cases
- 312 A 9 by 12cm. Ernemann camera, adapted for
 $\frac{1}{4}$ -plates, Ernemann F/8 lens, T.B.I. shutter,
hooded screen, 4 single slides in wallet
- 313 A $\frac{1}{4}$ -plate folding Klito, achro. lens, T.B.I.
shutter, hooded screen, and 3 single slides
- 314 A V.P. Contessa Nettix camera, achro. lens,
speeded shutter, focusing screen, 3 single slides
in wallet, F.P.A.
- 315 A $\frac{1}{4}$ -plate folding camera, achro. lens and Wizard
speeded shutter, focusing screen, 2 D.D. slides,
and case
- 316 A $\frac{1}{4}$ -plate folding camera, rising front, Primus
Beck lens, F/8, Unicum fully-speeded shutter,
focusing screen, and 2 single slides

- 317 A $\frac{1}{4}$ -plate folding Pecto No. 1A camera, achro. lens in shutter, focusing screen, and 2 D.D. slides
- 318 A $\frac{1}{4}$ -plate folding Cameo camera, old model, achro. lens in T.B.I. shutter, hooded screen, and 3 single metal slides
- 319 A $\frac{1}{4}$ -plate folding Ernemann camera, rising front, Det. aplanat lens, F/6.8, speeded shutter, D.V. finder, hooded screen, and 3 single slides
- 320 A 5 by 4 hand or stand folding camera, R.R. lens, Gundlach fully-speeded shutter, hooded screen, and 2 D.D. slides
- 321 A $\frac{1}{4}$ -plate folding camera, rising and cross front, Periskop Alpha lens in speeded shutter, hooded screen, F.P.A., and 3 slides
- 322 A $3\frac{1}{2}$ by $2\frac{1}{2}$ roll-film camera, with Busch Det. aplanat lens, F/7, T.B.I. shutter
- 323 No. 1 F.P. Kodak for roll films, $3\frac{1}{4}$ by $2\frac{1}{4}$, old model
- 324 A 5 by 4 folding H. or S. camera, D.E., F.P. shutter, D.V. finder, hooded screen, and 3 brass-bound mahogany bookform D.D. slides
- 325 A $\frac{1}{4}$ -plate Cycle Wizard camera, R.R. lens, F/8, Wizard shutter, focusing screen, and a D.D. slide
- 326 A 1A F.P. Kodak for roll films, $4\frac{1}{2}$ by $2\frac{1}{2}$, old model

PRINTS, PAINTINGS, BOOKS, &c.

- 327 An engraving, "Majesty," signed Landseer, in gilt frame
- 328 Three engravings, Hunting Scenes, by Alfred Strutt, framed and glazed
- 329 An engraving, "Lion's Head," signed H. Dicksee
- 330 Two engravings, Napoleon at Fontainebleau, and Retreat from Moscow
- 331 An engraving after Jeannin, and a sketch by Hellier, "Portrait"
- 331A A parcel of odd prints and copperplates
- 332 A parcel of Baxter type prints, lithographs, mezzotints and aquatints



- 333 Twenty-eight sporting prints, including 4 by Alken
 334 About 250 old costume prints
 335 Three parcels of topographical prints
 336 A number of water-colour drawings and sketches
 337 Four water-colour drawings by P. Braddon, and 26 lithographs after Birket Foster
 338 Three parcels of prints, portraits of celebrities
 338A Oil painting—The Wreck, attributed to Turner
 339A Painting on glass—Still Life; another painting on panel—Beetles, in massive gilt frame
 339 A quantity of etchings and miscellaneous prints
 340 Seapiece—Off the Needles, H. Musgrave, exhibited at Royal Academy, 1897
 341 Seapiece—Yarmouth Roads, David James
 342 Seapiece—Off Dover, by T. C. Cooke
 343 Oil painting—Bathers, unknown
 344 Framed drawing—Valour, and parcel of prints
 345 Fine photogravure—Nana
 346 Large Japanese needlework wall panel
 347 Books—2 parcels, and 3 scrap-books
 348 M. Jackson—A Saturday afternoon, and another—River scene
 349 Four engravings, and a print after C. Aldin
 350 Picture—R. Burns, and horses, in gilt frame
 351 Parcel of old prints
 352 Motley's Dutch Republic 3, History of the Romans 6, Works on Ancient and International Law, etc., 13, and 17 various (39)
 353 Four pictures from Dr. Miller's collection, unknown—Dementia, The Wake, The Blister, Delirium
 354 Four pictures from Dr. Miller's collection, unknown—The Diagnosis, Intemperance, Greenwich Hospital, Last of the Race
 355 An old Roman book on Anatomy, Memoirs of Doctor Abernethy, and 3 others
 356 A pair of etchings—Stirling Castle, by A. H. Geyer, framed and glazed
 357 Pair of ditto—Old Stirling Bridge
 358 Pair of ditto—Views in Stirlingshire
 359 Pair of ditto, ditto
 360 Another pair
 361 Another pair

- 30/- 6/- ✓ 362 Palæontological Society, Vols. LVII-LXI (5); Nature, Vols. 44-48 (5), bound; Natural Science, Vols 1-5, bound (5); Museums Journal, Vols. 10-20, in parts
- 24/- 52/- 363 Geologists' Association Proceedings, 45 parts; Geological Magazine, 1909 (11), 1910 (9), 1911 (complete), 1912 (11), and 17 odd parts; Naturalist, 20 parts; Quarterly Il. Geol. Soc., 8 parts; Science Progress, 7 parts
- 36/- 364 Martin's Petrificata Derbiensia, 1809, with book-plate of Joseph Wright; Martin's Extraneous Fossils, 1809; Hooker, English Flora, Vol. V., Parts 1 and 7
- 1/- 70/- 365 Geological pamphlets, 4to (many plates), (26); Odd parts Geological Reports, etc. (20); Geological pamphlets (200); large atlas
- 20/- 44/- 366 Four bundles miscellaneous books, and a bundle Whitaker's Almanack
- 70/- 367 Four ditto, ditto
- 18/- 368 Old elephant gun - 135.24
- 369 Engraving on copper, gilt, dated 1566, in box; and pewter plate, Swiss, with coats of arms, Saxon shield, boss, etc.
- 370 Sixteen engraved copperplates, various, and a block
- 371 Lloyd's Naturalists Library, 16 vols., complete, with coloured plates
- 372 Cassell's Naturalists Library, 6 vols., complete, illustrated throughout; Wood's Naturalists, Library, 3 vols., complete with woodcuts
- 373 Wood's Naturalists Library, complete in one vol., with woodcuts; Jardine's Naturalists Library, 2 vols., 1st edition, with hand-coloured plates (British quadrupeds and British moths)
- 374 Stern's Sentimental Journey, Edition de Luxe; Letters of Queen Victoria, 3 vols.; Strachey's Queen Victoria; Fielding's Works in 12 vols., and others (50)
- ✓ 375 History of Richmondshire, 1823 (2); Camden's Britannia, 1806 (4); Antiquarian Repertory, 1807 (4); and 7 (17)
- 376 Batty's Italian Scenery; Elliot's Views in the East (2); Scenery of the Himalayan Mountains, and 25 various (29)

377	5	377	Poetical Works, Novels, Dictionaries, etc. (64)
378	47	378	Life and Works of Wedgwood, 2 ; Biographies, etc., 46 (48)
379	27	379	Books, various, a quantity
380	50	380	A hamper containing number of old books

WEARING APPAREL, &c.

- 381 Black serge coat and skirt (wool), black and white check coat-frock (wool), wool jumper, shoes, set of furs (unlined), hats and sundries
- 382 A lady's brown silk umbrella in case
- 383 A lady's black silk parasol
- 384 Two white waistcoats, and a dress suit
- 385 A grey tweed suit
- 386 A green tweed suit
- 387 A khaki coat and breeches, khaki coat and slacks, and a khaki drill coat and breeches
- 388 A pair of brown boots, and a pair brown field boots
- 389 A leather portmanteau
- 390 Leather kit bag
- 391 Blue lounge suit
- 392 Strong leather-bound trunk, with tray and straps
- 393 Nearly new coat and vest
- 394 A leather suit case
- 395 Solid leather kit bag, lined pigskin
- 396 A theatrical dress, and a Paisley shawl

END OF FIRST DAY'S SALE.

SECOND DAY'S SALE.

Friday, July 14th, 1922.

AT 12.30 O'CLOCK.

ON VIEW:

Thursday, 12.30 to 5.30 p.m.

Friday, 9.30 a.m. to 12 noon.

MISCELLANIES.

LOT

- 401 A 10-in. aneroid barometer
- 402 Two glazier's diamonds
- 403 An antique silver and blue enamel necklet and earrings
- 404 Five 1-dozen packets 5 by 4 Ilford plates
- 405 Three 1-dozen packets Ilford $\frac{1}{4}$ -plates, 6 packets P.O.P.
- 406 Wizard vacuum cleaner and fittings
- 407 A large 5-hole knife machine, on stand
- 408 A 14-in. Canadian lawn mower
- 409 A 12-in. Gem lawn mower
- 410 Bissell's Standard carpet sweeper
- 411 A parcel of music
- 412 Box druggist's sundries
- 413 A Nye's 3-hole knife machine, in good order
- 414 Three 2-volt 30-amp. and one 40-amp. 4-volt accumulators
- 415 A Pathé sound box, with sapphire needle
- 416 A good-toned violin, with bow in case
- 417 Thirteen vols. of Voltaire's works
- 418 Twelve high-class 10-in. double-sided records

- 419 Six Pathé 10-in. double-sided records
- 420 Six Pathé 8-in. double-sided records
- 421 Six 12-in. double-sided records
- 422 A 15-in. lawn mower
- 423 Zebra skin
- 424 An English concertina, by C. Wheatstone, in case
- 425 About 200 copper coins and tokens
- 426 Five violin bows
- 427 A pair of opera glasses by Kuhn, Lucerne, in case
- 428 An ivory-mounted spy glass and a large reading glass, in brass frame
- 429 An antique steel casket and a dagger with silver-mounted sheath
- 430 About 245 engraved mother-of-pearl counters
- 431 A curious old Chinese wood and ivory carving, a pair of carved wood dogs' heads, and an old lac card box
- 432 Seven pieces of ivory, weighing about 20lbs., and a quantity of smaller pieces, about 12lbs.
- 433 A pair of massive chased ormolu 10-light candelabra brackets
- 434 A very fine tortoise-shell and feather fan
- 435 A finely carved ivory fan and another painted with scenes and figures
- 435A A 1-string fiddle and horn, and banjo
- 436A Pair of powerful field glasses (Aris, Paris)
- 436 Thirty safety razors (Gillette pattern)
- 437 Box of bicycle parts
- 438 Box of tools, etc.
- 439 Lot of paste boxes, silver polish, puncture healers
- 440 Two boxes of all kinds of accessories
- 441 Three large steel spanners
- 442 Three boxes of electric bulbs
- 443 Two accumulators
- 444 Acetylene generator, motor-car type
- 445 Grindstone, large fly-wheel, ball-bearing
- 446 Paraffin oil lamp (in good order)
- 447 Large tub, deck chair, wicker chair, 3 spring-blind rolls
- 448 Acetylene signalling lamp, and acetylene stand
- 449 Twelve bicycle chains, new

- 450 Box of electrical accessories
- 451 A 6-in. capstan slide rest, new
- 452 Tools : 5 double plane irons, 8 single ditto, 12 guillotine blades, 1 spokeshave, and 9 frame saws (all new)
- 453 A millwright's ratchet brace, and a Salter's spring balance
- 454 Thirty-two burglar alarms, complete, and 5 ditto without charges
- 455 Chemical balance in case, Oertling, and set of scales with weights
- 456 56lb. of Nettlefold's screws, assorted
- 457 *Boley watchmaker's lathe*, 2-in. centre, divided headstock, fitted with draw-in spindle, compound slide rest, lever tailstock with interchangeable push centre, extra headstock with centre, 12-in. bed, 10-in. ditto, also revolving bed, pedestal stand, 3½-in. gunmetal face-plate, fitted with three adjustable steel jaws and pump centre, hand-rest fitted with three tees, set of 5 step disc chucks, 7 split drill chucks, driver chuck, etc., etc.; complete in strong case, in perfect order
- 458 A Japanese carved ivory figure of a Geisha girl
- 459 A long Chinese necklace, with pendant, and mounted drops
- 460 An inlaid oblong lac tray
- 461 A pair of fine Chinese paintings on rice paper, in frames
- 462 Two finely-carved ivory netsuké
- 463 A Japanese short sword, with carved monkeys
- 464 A carved group of Japanese figures
- 465 Pair fine quality Chinese plates
- 466 Six Chinese paintings of figures, on rice paper, in frames
- 467 An Elswick bicycle

JEWELLERY, PLATED ITEMS, &c.

- 468 Three cut-glass fruit stands
- 469 Two silver-plated candlesticks, by Elkington
- 470 Barometer, in mahogany case
- 471 Case of 7 fine quality razors, by Buller, Sheffield
- 472 Pigskin camera case

- 473 Dressing case with heavy silver mounts
- 474 Mahogany cigar cabinet
- 475 Antique box, with gold-mounted miniature on ivory
- 476 Rolled gold Waltham watch
- 477 Fine quality Gardner's barometer, correct
- 478 Lady's 18-carat gold 5-stone diamond ring
- 479 A 15-carat brooch, pair 15-carat earrings, and 9-carat tiepin
- 480 Loving cup, and three other cups
- 481 Three ladies' wrist watches, one silver
- 482 Two gold watches
- 483 Three ladies' gold wrist watches
- 484 A 9-carat necklace, 15-carat ring, and 18-carat ring
- 485 Three silver lever watches, and case
- 486 A 9-carat bracelet, and lady's gold watch bracelet
- 487 Three Irish (Georgian) gravy ladles
- 488 Two ditto ladles
- 489 Knife, fork and spoon, in case
- 490 Two pairs sugar tongs
- 491 Twenty-seven 17th Century tokens, and 100 Chinese coins
- 492 156 Greek and Roman coins
- 493 Seven Queen Elizabeth shillings, and 16 other silver coins
- 494 Queen Anne silver medal (1713), and 20 others
- 495 Nineteen Roman silver coins, and a silver decoration, in case
- 496 504 coins and tokens, including sundry cart-wheel 2d. pieces
- 497 Underwood's odometer, electric coil, and sundries
- 498 Imitation pearl necklace
- 499 Gold signet ring
- 500 Diamond ring
- 501 Box of false teeth, with pins
- 502 Two cut-glass scent-bottles, and plated dish
- 503 Lady's 18-carat gold watch bracelet
- 504 Diamond brooch and pendant

SCIENTIFIC APPARATUS, &c.

- 505 Wood-carving tools, 21, in baize roll
- 506 Monocular microscope, coarse and fine adjustment, polarizer and analyser, Zeiss A and D objectives, in case, with key
- 507 Box of chemicals
- 508 Prism with fitting for lantern, sunspot glass, lantern slides (yachts), stereoscope, and sundries in box
- 509 Fifty lantern slides—Greece and Asia Minor, in carrying case
- 510 Oxy-hydrogen lamp for magic lantern
- 511 *Bi-unial or double-bodied dissolving view apparatus*, consisting of mahogany body, brass fronts, two condensers (4in.); two double achromatic front lenses (rack fronts), two trays, one tap, six-way dissolving tap, brass curtain shutter, two cut off mixed jets, two Beard's regulators, one "O" and one "H," complete in case
- 512 *Microscopic attachment* for lantern projection, an alum trough for same, fitted with 2-in. objective
- 513 *Portable screen stand*, with 4 brass elbows, etc., in case
- 514 *Cycloidotrope* for showing geometrical designs on screen, in case
- 515 Two oxygen regulators, one high pressure and one low; 2 mixed jets, and a British oxygen injector
- 516 A mahogany biunial lantern fitted for gas, oil, and acetylene
- 517 Hegar's dilators, perforator, hook, trepanning instrument, aspirator, a chloroform mask and knife
- 518 *New cinematograph projector*, by Grass & Worff, Berlin, fitted with special lecturing shutter, enabling film to be left stationary in the gate without risk of fire; complete with 1,000 c.p. bulb, bulb holder, resistance, 4 metres of wire with socket, lens by Meyer; Goerlitz, film rewinder, machine packs in two excellent wooden boxes, complete with locks and key; also suitable for projector stand, as boxes can be lowered or raised; all accessories

- 519 *Baird's flickerless projector, mechanism enclosed in aluminium case, complete with lens, motor, etc., on nickel-plated stand*
- 520 *Ditto*
- 521 Optical lantern, in case, with lens, no condenser, in case
- 522 Chadwick's lecturer's lantern, Russian iron body on mahogany base, with 3 condensers, 2 projection lenses, another lens, extra flange and colour screen, in travelling case
- 523 A 10-in. induction coil, by Apps, on mahogany base, in travelling case
- 524 A 4-in. induction coil, in travelling box, with padlock
- 525 Bichromate batteries, Geissler tubes, flasks, etc., in case, with padlock and key
- 526 A large prismatic projection for lantern, by Newton, in mahogany case
- 527 An oxy-hydrogen jet, by Newton
- 528 A variable resistance, magneto tube spinner, and and 8-volt dynamo
- 529 Thirty-four lantern slides in box, 4 slide carriers, gas bag, and sundries
- 530 Microscope lamp, section cutter, silvered reflector, a condenser stand, large glass trough, and cardboard slide box
- 531 Case of gramme weights, Faber's slide rule with book of instructions, and a small condenser and flange
- 532 Switchboard voltmeter, 2 small voltmeters, and an amperemeter
- 533 Retort stand, spark gap, glass tubes and sundry X-ray apparatus
- 534 Student's microscope, by Beck, coarse rack and micro. fine adjustment, 2 oculars, 1-in. and $\frac{1}{4}$ -in. object, in case
- 535 Powell & Lealand No. 3 microscope, coarse rack and micro. fine adjustment, mechanical stage graduated, rack focusing and centering sub-stage with achro. condenser, large double mirror, fitted with long and short tubes. etc., oculars and spot lens ; fitted in mahogany case, with small case for accessories
- 536 Fine quadruple nosepiece for microscope

- 537 Zeiss No. F $\frac{1}{2}$ -in. immersion objective
- 538 Large bull's-eye stand condenser
- 539 Air pump, with bell jar, mounting turn-table and small hand microtome
- 540 Double nosepiece for microscope, by Swift
- 541 Fine best model binocular microscope, by Crouch, with coarse; rack and micro. fine adjustment, mechanical stage, graduated rotating and centering rack focusing and centering substage, fitted with 3 lens, condensers and box of stops, and selenites, polariser and analyser, etc.
- 542 Double nosepiece fitted in mahogany case with 3 objectives and 2 oculars
- 543 A $\frac{1}{8}$ -in. micro. objective, by Beck
- 544 Fine student's microscope, by Swift, coarse rack and micro. fine adjustment, 1 ocular, $\frac{1}{8}$ -in. and 1-in. objectives, Abbé condenser, in mahogany case
- 545 Ross Zentmeyer binocular microscope, fitted with high-power prism, coarse rack and micro. fine adjustment, mechanical stage rack rotating and graduated rack focusing and centering and rotating substage, fitted with Abbé condenser, extra large double mirror on swinging tailpiece
- 546 A $\frac{1}{8}$ -in. micro. objective, by Collins
- 547 A $1\frac{1}{2}$ -in. micro. objective, by Ross
- 548 A wireless receiving apparatus by Marconi, coupled tuner, crystal detector, potentiometer, etc.
- 549 A $\frac{4}{10}$ micro. objective, by Beck
- 550 Box containing substage fitting with condenser, polarising prism, compressor, a set of dipping tubes, etc.
- 551 A student's microscope, by Swift, coarse rack and micro. fine adjustment, 1-in. and $\frac{1}{8}$ -in. objectives, Abbé condenser and ocular, in case
- 552 A parcel of mechanical, electrical and scientific books
- 553 Three boxes of medical microscope slides, a case of microscope accessories, 4 books on biology, and 6 others
- 554 A 4-in. object glass, 63-in. focus, believed Grubb make
- 555 Reichert 1/12th objective

- 556 Numerous quantity of useful lenses
- 557 Ross's Wenham binocular microscope in first-class condition, lenses recently cleansed by the makers; 3 pairs of eyepieces, A B C., 6 objectives, 3in., $1\frac{1}{2}$ in., $\frac{2}{3}$ in., $\frac{4}{10}$ in., $\frac{1}{4}$ in. and $\frac{1}{8}$ in.; substage condenser, polarising apparatus with set of selenites, camera lucida, spot lens, and other apparatus; complete in mahogany case with locks and key
- 558 A monocular microscope, by Pillischer, coarse rack and fine adjustments, revolving mechanical stage, $\frac{1}{4}$ and 1-in. objectives, 2 eyepieces, live box and stand condenser, in mahogany case
- 559 A Zeiss dissecting microscope
- 560 A box containing 4 prisms, diffraction apparatus, etc., and a double image prism, mounted by Hoffman, Paris
- 561 A compressorium, a hand viewing stage, and 6 dozen Chance's micro. slides
- 562 An aluminium compressorium
- 563 A direct vision spectroscope, by Hilger, of high dispersion
- 564 A 4-in. optimus condenser, and a mahogany box containing chemical glass, and a portrait lens
- 565 A high-power spot lens (universal size), a turn-table, and a double nosepiece, also a live box
- 566 A turn-table, a spot lens, a live box, and a pocket microscope
- 567 A metallic barometer, in perfect order and adjustment
- 568 Expensive range-finder on tripod
- 569 Six Azimuth mirrors, in cases
- 570 Four pairs range-finders, with cords
- 571 A balance and weights, a case of metal catheters, and skiagraph, in case
- 572 An aluminium stereoscope, and about 200 Underwood's slides for same
- 573 A well-made stained pine wardrobe chest, size 4ft. by 2ft. by 19in. deep, with inner tray, containing some glass rope sponges, corallines, etc.
- 574 Two store-boxes of exotic lepidoptera

- 575 Botanical collection in six cartons, most specimens classified with data ; a 6-drawer cabinet, stained deal, containing fossils, minerals, and shells
- 576 A scientific instrument with compass and accessories, by Elliott Bros., London, in case
- 577 A large lens, by Ross, in case
- 578 A set of 4 camera lenses, by Dallmeyer, London
- 579 Two large lenses and accessories, in case
- 580 A large lens, in case, and a ditto condenser
- 581 Two microscopic instruments and lenses, in mahogany cases
- 582 A microscopic instrument with lenses, and a quantity of parts, in mahogany case
- 583 A gyroscope, and a pressure gauge, in cases
- 584 A large magic lantern lens, 3 smaller ditto, and 22 slides, in case
- 585 Parts of a microscope with 8 lenses, in mahogany case
- 586 Seven lenses various, and a gas leak indicator
- 587 A Stuart's marine distance meter, a marine clinometer by Pascal Atkey, and a set of signal flags
- 588 A telescope, by Dollond, in leather case
- 589 Another by Durani, Milan
- 590 Another by Elliott Bros., London
- 591 A pair of opera glasses, ivory-mounted, by Callaghan, New Bond Street

PHOTOGRAPHIC APPARATUS, &c.

- 592 Ross Panross 5 by 4 6-in. Goerz Celor F/4.8, in focusing mount, self capping focal plane shutter, film pack adapter, 2 double slides, good condition
- 593 A $\frac{1}{4}$ -plate Cameo, fine achro. lens, T.B.I. shutter, waterproof case, in perfect order
- 594 Lizar's $\frac{1}{4}$ -plate Shew Xit camera, Taylor, Taylor & Hobson, F/5.6 lens, 3 D.D. slides, with case complete
- 595 Laws' professional incandescent flash lamp, 3 burners, screen and stand
- 596 Crouch microscope on horse-shoe stand, fine adjustment, objective, 2 eyepieces, and case

- 597 T.P. 100-watt Radol for 115-volt current, resistances for 120-volt; oxy-hydrogen blow-through jet; pocket compass, by Orr & Sons; and $\frac{1}{4}$ -plate boxform Premo camera, for flat films
- 598 A 7 by 5 Eastman plate developing tank; and boxform stereo camera, focusing screen, 1 slide
- 599 A $\frac{1}{4}$ -plate Zeiss Minimum Palmos F.P. camera, Ross homo. lens, F.P. shutter, D.V. finder, F.P.A., solid leather case
- 600 Fulmena 7-in. lens, by Sichel & Co., in sunk mount, F/6.8, also flange
- 601A A 9 by 12cm. folding Mentor reflex, Zeiss Tessar lens, F/6.3, F.P. shutter, F.P.A.
- 602A A $3\frac{1}{2}$ by $2\frac{1}{2}$ folding Ernemann camera, Ernemann Detective aplanat lens, speeded shutter, D.V. finder, hooded screen and 3 slides
- 603A A 9 by 12cm. folding plate camera, D.E. Velonar anastigmat lens, Vario speeded shutter, hooded screen, 3 slides in wallet, F.P.A.
- 601 A 10 by 8 13-in. Wray lens, with flange and stops
- 602 A $\frac{1}{4}$ -plate Cameo camera, achromatic lens, 3 slides
- 603 A 1A folding pocket Kodak, achromatic lens, in perfect order
- 604 8x Ross prism binoculars, eyepiece focusing, and tan leather case
- 605 A 5 by 4 folding plate camera, fine rapid lens, F/8.2, fully speeded shutter, 3 double plate-holders, and leather case
- 606 A $\frac{1}{4}$ -plate roll-film Lizar's Challenge camera, R.R. lens, fully speeded shutter, in leather case
- 607 No. 2 bull's-eye Kodak, $3\frac{1}{2}$ by $3\frac{1}{2}$, for roll films
- 608 8x Hunsicker & Alexis prism binoculars, eyepiece focusing, tan leather case
- 609 A 3A post-card folding Brownie, R.R. lens, in perfect condition
- 610 No. 2 box Brownie, achromatic lens
- 611 8x prism binoculars, central focusing and tan leather case
- 612 6x Ross prism monocular, and tan leather case
- 614 A $\frac{1}{4}$ -plate instantograph field camera, achromatic lens, 2 double slides, and tripod
- 615 A $\frac{1}{4}$ -plate folding Klito, extra rapid Plutar lens, F/8.3, metal slides

- 616 A $\frac{1}{2}$ -plate field camera, double extension, 2 rapid Lancaster lenses, roller blind shutter, 3 book-form slides, stiff canvas case and tripod
- 617 A $\frac{1}{4}$ -plate field camera, fine lens, complete with 1 double dark slide
- 618 Metal leather-covered telescope
- 619 Kodak rubber washing trough, pair of clippers, thermometer, 3 printing frames, 3 developing dishes, various packets of paper
- 620 Pair leather-covered field glasses, in leather case
- 621 Jumelle binocular camera, Krauss Zeiss lens, complete with leather case
- 622 No. 2 box Brownie camera, $3\frac{1}{4}$ by $2\frac{1}{4}$, fine achromatic lens
- 623 Post-card roll-film camera, rectimat symmetrical lens, speeded shutter, leather case
- 624 Three-draw metal telescopic tripod
- 625 A 3A folding Kodak, post-card, R.R. lens, speeded shutter
- 626 A $\frac{1}{4}$ -plate roll-film camera, double extension, rising front, Ross homocentric lens, F/6.3, fully speeded shutter
- 627 A $\frac{1}{4}$ -plate or 9 by 12 folding plate Klimax, Aldis Uno anastigmat lens, F/7.7, fully speeded shutter, rising front, film-pack adapter, 3 slides, focusing screen
- 628 Horizontal enlarging easel, marked all sizes to 15 by 12, adjustable paper holding arms on solid polished base
- 629 Butcher's record enlarging easel, 15 by 12, rising and tilting movements, with tension arm
- 630 A $3\frac{1}{4}$ by $2\frac{1}{4}$ Premoette camera, R.R. lens, speeded shutter, in leather case
- 631 A $\frac{1}{4}$ -plate Cameo camera, achromatic lens, Lukos I shutter, 3 single metal slides, and canvas case
- 632 A $\frac{1}{4}$ -plate Cooke lens, Series III., F/6.5, in auto-mat shutter
- 633 A $\frac{1}{2}$ -plate Cooke lens, Series V., in sunk mount
- 634 A $3\frac{1}{2}$ by $2\frac{1}{2}$ Ernemann aplanat lens, F/6.8, 4-in. focus, in speeded shutter
- 635 Kodak achromatic lens, in speeded shutter

- 636 Beck telephoto combination for post-card or $\frac{1}{2}$ -plate camera, working at F/16, and giving 3 to 10 magnifications ; consists of Beck Steinheil orthostigmat $7\frac{1}{2}$ -in. focus, F/6.3 lens, with telephoto negative lens, and focusing tube
- 637 A $\frac{1}{4}$ -plate Busch folding camera, Beck R.R. lens, speeded shutter, Mackenzie Wishart adapter with 6 envelopes
- 638 8x Leger. prism binoculars, eyepiece focusing, and tan leather case
- 639 Post-card size roll-film Ensign camera, rectimat symmetrical lens, F/8 speeded shutter
- 640 A $\frac{1}{4}$ -plate magazine Klito camera, focusing model, rapid symmetrical lens, in canvas case
- 641 A $\frac{1}{2}$ -plate triple extension Victo field camera, rapid symmetrical lens, roller blind shutter, 2 book-form slides, canvas case and tripod
- 642 Pair black leather-covered field glasses, and leather case
- 643 Post-card size roll-film camera, double extension, rising and cross-front, Goerz Dagor anastigmat lens, F/6.8, fully speeded shutter, and leather case
- 644 Rouch $\frac{1}{4}$ -plate magazine camera, R.R. lens, and leather case
- 645 A $\frac{1}{4}$ -plate roll-film camera, rapid lens, Unicum speeded shutter
- 646 6x Ross prism binoculars, eyepiece focusing, and sling strap
- 647 A $\frac{1}{2}$ -plate folding plate camera, double extension, rising and cross-front, Goerz Syntor anastigmat lens, F/6.8, Kolios fully speeded shutter, 2 double plate holders
- 648 A $\frac{1}{4}$ -plate folding Cameo plate camera, Beck R.R. lens, speeded shutter, 2 metal slides
- 649 A $\frac{1}{4}$ -plate Shew camera, no lens, direct vision view-finder, 6 envelopes to take 12 flat films, in canvas case
- 650 Pair of plated and leather opera glasses, central focusing, in brown leather case
- 651 A $\frac{1}{4}$ -plate folding plate camera, rectimat symmetrical lens, speeded shutter, 3 metal slides and canvas case

- 652 A 10 by 15 folding plate camera, rising and cross front, Ica Novar anastigmat lens, F/6.8, speeded shutter, 5 metal slides
- 653 A $\frac{1}{4}$ -plate roll-film camera, R.R. lens, speeded shutter
- 654 A 5 by 4 Marion's Imperial folding plate camera, double extension, R.R. lens, speeded shutter, 3 double dark slides
- 655 A $\frac{1}{4}$ -plate focal plane camera, Taylor, Taylor & Hobson, Cooke focusing lens, F/6.5, focal plane shutter, 3 double dark slides
- 656 3x prism theatre binoculars, central focusing
- 657 A 6-in. rapid lens, F/6, in Bausch & Lomb speeded shutter
- 658 Ross twin lens camera, 5 by 4 black band, R.R. lens, F/6, two 6-ft. magnifiers
- 659 Toy cinematograph, small oil lamp, 1 spool for film
- 660 No. 2 Brownie developing tank, no lid to solution cup
- 661 Davon arc lamp, for lantern or micro. work, variable resistance, 100-250 volts
- 662 A 2c auto. folding Brownie for R.F., 4 $\frac{7}{8}$ in. by 2 $\frac{7}{8}$ in. in case, rounded ends
- 663 Set of coloured lantern slides (The World War), 78 slides, in polished carrying case
- 664 Moss acetylite generator with 4-burner jet, reflector and tray
- 665 A $\frac{1}{4}$ -plate reflex camera with Giorno F/6 anastigmat lens, T.P. shutter, revolving back, 3 book-form D.D. slides
- 666 A 5 by 4 reflex without lens, long extension, revolving back, T.P. shutter, 3 D.D. slides
- 667 A 5 by 4 square bellows stand camera, R.R. lens, focusing screen and patent Multiplex back
- 668 Set of 72 microscopic slides, medical subjects, in case
- 669 Blitz 6-in. Series III. anastigmat lens, F/6.8, in sunk mount, iris diaphragm and flange
- 670 A $\frac{1}{2}$ -plate square bellows stand camera, achro. lens, D.D. slide
- 671 A boxform studio camera, no lens or shutter, focusing screen (A.F.)
- 672 Fine telescope by Dr. Commons, in wood case

- 673 An 8 by 10 12-in. rapid symmetrical Wollensak lens, in shutter
- 674 A 10 by 8 Wray lens, with Waterhouse stops
- 675 A 9 by 7 R.R. Optimus lens, with Waterhouse stops, in panel
- 676 A Ross $9\frac{3}{4}$ portrait lens, in focusing mount, with Waterhouse stops
- 677 A portrait lens by the Stereoscopic Company ; and a Dallmeyer portrait lens, wheel stops, on panel
- 678 An Optimus R.R., 7 by 5, and Waterhouse stops ; and a Ross iris mount (no lenses)
- 679 A Zeiss telephoto lens, in focusing mount, in leather case, and light filter
- 680 A Zeiss focusing teletube, a Zeiss tele-negative, and 3 magnifiers
- 681 A Thornton-Pickard stereo shutter fitted with 2 lens mounts ; a Thornton-Pickard shutter, Bausch & Lomb telephoto tube, a spirit level, a Bee meter, a Watkins' meter ; 3 lens panels and 5 flanges ; 6 tripod screws ; ophthalmoscope telephoto lens cell, and sundries
- 682 A Stereo camera with pair of Zeiss lenses
- 683 A long-focus telephoto camera, leather-bound canvas case for same, 14 small metal plate-carriers, and 6 $\frac{1}{4}$ -plate double dark slides
- 684 A 10 by 8 *Century camera*, by *The Century Camera Company, Rochester, New York*, conical bellows, triple extension, 2 double dark slides, an adapter, 6 dark slides for films, Ross Zeiss anastigmat 6.3 lens, 300mm., and studio camera stand
- 685 Large ash tripod, and an ash 3-fold tripod
- 686 An enlarging apparatus with a dark slide, a large oak printing frame, a retouching desk, a daylight enlarger, and 9 printing frames
- 687 Microscope by Baker, and accessories, in mahogany case (incomplete)
- 688 A mathematical calculator in mahogany case, a wind gauge, and telemeter, in brown leather case
- 689 Two barographs and 2 boxes of refills ; telescope tube wood tripod (no lenses) ; wet and dry thermometer, in mahogany case ; and Dumpy level and compass by Richer, Paris, in 2 cases

- 690 Electric coil, in mahogany box, and 4-volt meter
- 691 Two boxes of microscopic slides
- 692 A scaled level by Troughton, in leather case
- 693 Spectroscope, stand and prisms, in mahogany case
- 694 A copper water distiller; a mountaineering
telescopic levelling rod, in case; a mountaineering
boiler and tripod, leather case; and cane
tripod
- 695 Wet and dry thermometer, old barometer, and
quantity of scaled and plain glass tubes
- 696 Chemical balance, in mahogany case, and small
balance
- 697 Goerz-Anschutz 5 by 4 focal plane camera,
Dagor 6.8 anastigmat lens, and 6 D.D. slides, in
leather case
- 698 A $\frac{1}{4}$ -plate folding Cameo, achro. lens, Lukos I.
instantaneous shutter, hooded screen, 2 slides
- 699 A $\frac{1}{4}$ -plate folding Cameo, achro. lens, T.B.I.
shutter, hooded screen, finder, 2 slides
- 700 A 3A film-pack Kodak for post-card films, R.R.
lens, Kodak auto. shutter, leather case
- 701 A $\frac{1}{4}$ -plate folding Cameo, achro. lens, T.B.I.
shutter, hooded screen, 2 single slides
- 702 A $\frac{1}{4}$ -plate Sanderson roll-film camera, also for
plates, double extension, Goerz Dagor anastig-
mat lens, F/6.8, automat speeded shutter,
hooded screen, 3 D.D. slides, ball and tube
release, time valve, Thornton-Pickard patent
ball compressor
- 703 No. 2c autographic folding Brownie, for roll-
films, $4\frac{1}{4}$ by $2\frac{1}{2}$
- 704 A $2\frac{1}{8}$ -in. folding Ensign camera for roll-films, $4\frac{1}{4}$
by $2\frac{1}{2}$, achro. lens, and T.B.I. shutter
- 705 A 3A film-pack Kodak for roll-films, post-card
size, R.R. lens, automatic shutter, and case
- 706 A 4A speed Kodak, roll-films, rack focusing, Aldis
anastigmat lens, F/6.3, focal plane shutter,
double view finder, plate back adapter, focusing
screen, and 3 D.D. slides
- 707 No. 2 stereo Brownie for full-size stereo roll-films
- 708 A $\frac{1}{4}$ -plate folding plate camera, double exten-
sion, rising and cross front, Ross homocentric
lens, F/5.6, Koilos speeded shutter, and 2 single
slides

- 709 A 7 by 5 folding Ideal camera, double extension, rising front, brilliant finder, spirit level, hooded focusing screen, a D.D. slide, and canvas case, no lens
- 710 A 5 by 4 Adams' Identio folding camera, Ross homocentric lens, F/6.3, speeded shutter, double view finder, hooded screen, film-pack adapter, 3 D.D. slides, leather wallet, and black leather case
- 711 Whole-plate D.E. stand camera, solid base-board, reversing and swing back, R.R. lens, 1 D.D. slide
- 712 A P.C. size folding camera, with rapid aplanat lens, antinous release, in case, and 12 slides
- 713 A $\frac{1}{4}$ -plate box camera
- 714 Ross lens Actinic triplet, 14-in. focus, with 2 flanged adapters, and $\frac{1}{4}$ -plate roll-film holder
- 715 A $\frac{1}{4}$ -plate Shew reflex camera, with Goerz Dagor lens, Goerz Tele-negative lens, 6 double slides, adapter, and 6 single slides
- 716 A whole-plate camera, with 3 double slides, tripod and Ross lens, in case

ELECTRICAL APPARATUS, &c.

- 717 A $\frac{1}{2}$ -h.p. 110-volt A.C. electric motor, in good order
- 718 An electric choking coil, 100 volts, in box lined with thick asbestos
- 719 A $\frac{1}{4}$ -plate box camera
- 720 Electric arc lamp with compound adjustment, and weighing machine
- 721 Two captured German telephones, with internal magnetos and magneto bells and cordless switchboard
- 722 Twelve gas globes, 12 shades, and 6 dozen flexible tube tops; 2 sets of taper reamers (8), 2 hand vices, and 6 assorted gas brackets
- 723 A 12 by 9 X-Ray screen fitted with lead glass and aluminium back, perfect condition
- 724 Metronome, in perfect condition
- 731 Box containing sundry electrical wireless apparatus, telephone receivers, transformers, condensers, etc.
- 732 A similar lot

- 733 A similar lot, containing a step-down transformer, a number of fuse wires, etc., and sundry apparatus
- 734 A similar lot
- 735 A similar lot
- 736 A similar lot
- 737 A similar lot
- 738 A similar lot
- 739 A similar lot
- 740 A similar lot
- 741 Five large condensers, suitable for 10-in. coil
- 742 A Marconi short-wave set, with 2 crystal detectors, buzzer, and throw-over switches
- 743 Two 14-volt Lucas accumulators, and a Lucas Hybro dynamo
- 744 A quantity of leads and plugs and ex-French amplifiers
- 745 A similar lot
- 746 Box containing quantity telephone cords
- 747 Number of new Bowden wire clutch controls
- 748 Six G.P.O. Morse keys and buzzers, with platinum contacts for Morse practice
- 749 A similar lot
- 750 A similar lot
- 751 A similar lot
- 752 A similar lot
- 753 A similar lot
- 754 A similar lot
- 755 Box containing quantity of wire
- 756 A similar lot
- 757 Six Morse keys and buzzers with platinum contacts
- 758 A similar lot
- 759 A similar lot
- 760 A similar lot
- 761 A similar lot
- 762 A similar lot
- 763 A similar lot
- 764 A similar lot
- 765 A similar lot
- 766 A similar lot
- 767 Box containing number of new Bowden controls
- 768 Box containing number of electrical sundries, and wireless apparatus

- 769 Box containing number of electrical wireless sundries
- 770 A similar lot
- 771 A similar lot
- 772 A similar lot
- 773 A similar lot
- 774 A similar lot
- 775 A similar lot
- 776 A similar lot
- 777 A similar lot
- 778 A similar lot
- 779 Box containing instruments, ebonite, Morse tappers, etc.
- 780 Seven wind gauges, by Negretti & Zambra
- 781 Box containing electrical wireless sundries
- 782 Two telephone instruments
- 783 A 50-watt trench set
- 784 A similar lot
- 785 A similar lot
- 786 A similar lot
- 787 A similar lot
- 788 A similar lot
- 789 A voltmeter
- 790 A 6-in. inductance coil, with platinum contacts and condenser
- 791 Box of various electrical instruments, sterling coils and rotary spark gap
- 792 Ten signalling lamps, suitable for garages, etc.
- 793 A similar lot
- 794 A similar lot
- 795 A similar lot
- 796 A similar lot
- 797 A similar lot
- 798 A similar lot
- 799 A similar lot
- 800 A similar lot
- 801 A similar lot
- 802 Two Western transformers in metal boxes
- 803 A similar lot
- 804 A similar lot
- 805 A similar lot
- 806 A similar lot
- 807 A similar lot

- 808 Number of telegraph instruments in boxes
- 809 A similar lot
- 810 A similar lot
- 811 A similar lot
- 812 A similar lot
- 813 A similar lot
- 814 A similar lot
- 815 A similar lot
- 816 Two 3,000 volt step-up transformers, suitable
for wireless telephony
- 817 One Sullivan milliammeter, perfect condition
- 818 Box containing number of electrical sundries
- 819 A similar lot
- 820 A similar lot
- 821 A similar lot
- 822 A similar lot
- 823 A similar lot
- 824 A similar lot
- 825 A similar lot
- 826 A similar lot
- 827 Box containing number of electrical sundries
- 828 A similar lot
- 829 A similar lot
- 830 One box containing resistance bridge telephone
transformer, etc.
- 837 Dry compass
- 838 Six compass cards in cases, 6in.
- 839 Six ditto, 10in.
- 840 Six compass glasses in cases, 10in.
- 841 Six ditto, 6in.
- 842 Gross of Bray's acetylene burners, Luta and Elta
- 843 Four Lucas daylight signalling lamps
- 844 A resistance
- 845 Two expensive tapping sets, in boxes
- 846 Two rheostats
- 847 Walker's ship log
- 848 Six small galvanometers
- 849 Two radiation meters
- 850 Mine exploder, complete
- 851 Two speaking mirrors for wireless

- 852 Two 12-line buzzers
 853 New brass bracket standard lamp, and an inverted pendant shade; 3 new Stott gas governors; a gross assorted cardboard shades, and 3 electric irons
 854 Four electric irons, 3 new 7-grid electric toasters, 200/240 volt, and 4 new electric irons
 855 Nineteen relays
 856 Large heating oil stove
 857 A pair of new ball-bearing skates
 858 A pair of motor side lamps

END OF SALE

Sale Announcements.

TUESDAY AND WEDNESDAY NEXT.

ARMS AND ARMOUR, including an interesting Series of Reproductions of early Helmets, etc., Cap-a-pie Suits, Weapons, etc., being the remainder of the Collection from Parham, Pulborough.

The Property of the Rt. Hon. Baroness Zouche.

Also an interesting collection of Javanese Puppet Figures, Bronzes, etc., from Tibet; TWO BONE APRONS, Fetishes and Carvings from Benin, the Congo, etc.; Ethnographical Specimens from Polynesia; a MAORI TATTOOED HEAD, and an Interesting Collection of Tobacco Pipes,

FURNITURE, China, Carved Ivories, Pictures, etc.

Catalogues on Application to

38 KING STREET, COVENT GARDEN, W.C.2.